

Amendments to the Specification:

Please replace paragraph beginning on Page 12, line 20 with the following paragraph:

--FIG. 2 is a right side view of the analyzer of FIG. 1 in the preferred embodiment of the present invention. The analyzer includes the control mode selector 70. The operator may select either "System" or "Analyzer" to select a desired control mode. In the ~~"System"~~ "Analyzer" mode, the analyzer generates and supplies command signals necessary to activate the HVAC system's motor. On the other hand, the ~~"Analyzer"~~ "System" selection monitors the control signals generated by the HVAC's control system to the motor so that the system's operation can be assessed and faults diagnosed. ~~In the first selection, the~~ The "System" mode provides for an in-line mode. In this in-line mode, the analyzer 10 operates while the system is operating, monitoring the system's status and verifying the continuity of the control functions. In addition, a power pin-jack connection 76 (labeled "B/C") is also provided.--